

## GreyHawk McLanahan Portable UFR Unit #1300

#1281/20222328

Equipment As Follows:

### **MCLANAHAN DEWATERING SCREEN-MODEL VD-12 (4'x 10')**

- Two 3.2HP vibratory motors
- Heat treated motor bridge
- Huck bolted construction
- Modular polyurethane screen media
- Rubber vibration isolation buffers
- Discharge Chute with ¼" UHMW liner

### **MCLANAHAN HYDROCYCLONES-QTY (3) MODEL HSE1210**

- Fabricated steel with bonded rubber linings
- 10 degree cone
- Feed Box extension
- Rubber lined vortex finder
- Apex with drop-in rubber liner
- Apex splash guard - reinforced rubber sleeve
- SDR-11 overflow pipe with flanges

### **MCLANAHAN SLURRY PUMP**

- 8" x 6"
- Field replaceable molded rubber casing liners
- Molded rubber impeller with internal steel skeleton
- Type 'D' gland
- Grease lubricated bearings
- Overhead motor table
- 100HP, 1800 RPM, 460 volt, 3-phase, 60 cycle, TEFC, inverter duty
- V-belt drive sheaves & belts
- Drive guard

### **GREYHAWK CHASSIS:**

#### 1.MAIN CHASSIS

- Heavy duty mainframe
- Tandem axle Hutch spring suspension with 4' axle spacing
- Qty 8 11-22.5 tires on hub piloted wheels
- Qty 6 blocking support legs
- 2900-gallon slurry tank
  - oMade from ¼" plate
  - o10" inlet ANSI flange
  - o16" output ANSI flange
  - oSelf-balancing
- Fifth wheel Assembly with "Tilt-Away" feature to provide easy access for a loader to the sand

stockpile.

- Slurry pump support frame
- Air controlled brakes
- Light bar
- Mud flaps
- Diamond Plate walkway on both sides of screen
- Walkways include handrail, center rail, and toe board
- Access ladders on both sides

## 2.HYDROCYCLONE TOWER

- Fabricated steel structure
- Hydraulic fold

## 3.PIPING

- HDPE Pump suction
- HDPE Pump discharge
- Quick connect rubber hose between pump discharge and hydrocyclone manifold
- HDPE hydrocyclone inlet manifold
- HDPE hydrocyclone overflow pipes

## 4.HYDRAULICS

- 13HP Honda gasoline engine with electric start and backup recoil start
- (6) Hydraulic leveling cylinders
- Six bank valve body for independent control of each jackleg
- Single bank valve for kingpin fold
- Single bank valve for hydrocyclone tower fold

## 5.ELECTRICAL

- NEMA4 electrical enclosure
- Enclosure is rubber mounted to the chassis
- Door interlocked disconnect linkage
- Warning horn
- Circuit breakers
- NEMA rated starters
- Pump VFD-WEG
- Hour meter
- Wiring
- Pushbutton start/stop control

## 6.SAFETY/GUARDING

- We install all standard guarding, customer will be responsible for compliance with local codes.

## 7.GENERAL

- Paint
  - oSandblasted
  - oTwo-part epoxy primer
  - oTwo-part urethane topcoat
  - oColor-GH Grey

oDecals-Orange & grey striping





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